PEZA BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BID BULLETIN No. 2023-18

PROJECT: **Procurement of Cloud Hosting and Migration Services for PEZA's Servers (PEZA-HO-2023-16)**

This Supplemental Bid Bulletin No. 2023-18 is being issued to address queries/clarifications in the Bidding Documents sent thru email and raised by bidders during the pre-bid conference conducted on 15 November 2023.

QUERY	RESPONSE
Total Information Management Corporation (TIMC)	
1. Section VIII. Checklist of Technical and Financial Documents – under item H. TIM will submit a committed Line of Credit from a Universal bank. May we ask what is the preferred tenure or validity dates for this?	Term/validity of committed line of credit should be throughout the duration of the contract.
2. Section VII. Operating sytem query: may we ask if PEZA's servers for migration has existing SA contract or rights? (Software Assurance)	Yes, the volume license for our windows OS have Software Assurance included.
3. Bid Data Sheet vs TOR: Please confirm if the contract required for SLCC is or must be completed within the past 3 or 5 years. Also, for confirmation that SLCC can be any IT project.	Regarding the Bidder's Qualification under the Technical Specifications: The requirement should read: Duly notarized statement that the Service Provider has been a Service Provider of Cloud Infrastructure or Data Center Services for at least three (3) years prior to the deadline for the submission of bids. Regarding SLCC, yes we will consider any IT projects.
4. Duly notarized statement that the Service Provider has been a Service Provider of Cloud Infrastructure or Data Center Services for at least three (3) years prior to the deadline for the submission of bids	Regarding SLCC, yes we will consider any IT projects.
5. Under Section VII. Technical Specifications. Item for Infrastructure as a service. Items as follows: CPU scalability up to 64vCPU RAM scalability up to 512GB Solid State Drive (All-Flash) based storage and scalability of up to	Yes, the requirement refers to capability of the solution. Please refer to the annex for required utilization capacity for each server.

32TB May we confirm that the above resources are not required for day 1? Also, to confirm, this is for scalability purposes and capabilities only?	
6. Under Section VII. Technical Specifications. Item for the support service model. Please confirm that for the system and network monitoring the scope shall cover connectivity status, excluding utilization	Yes, monitoring should include connectivity status and network/bandwidth utilization.
Simplevia Technologies, Inc.	
7. How many images by OS platform/version in scope? (Red Hat Linux, Windows 2003 SR2, Windows 2008, 2012, etc.) in scope?	Please see Tech Spec Annex
8. Are there any Windows 2003 servers?	Please see Tech Spec Annex
9. How many source Images are running on physical?	All servers are Virtual Machines running on Hyper V. No physical servers. Please see Tech Spec Annex for details.
10. Is the Origin environment a datacenter or cloud?	Data Center
11. What hypervisors are used in the Origin environment? Or which Cloud?	MS Hyper-V
12. Is the Target environment a datacenter or cloud?	Cloud
13. What hypervisors are used in the Target environment? Or which Cloud?	MS Hyper-V
14. For Linux servers are there any non-LVM volumes? Please list.	There are no non-LVM volumes
15. Are there any unsupported filesystems (e.g. - BTRFS). Section 3.3 of the RMM v7 Prerequisites and Operation Requirements document lists the supported filesystems.	None
16. Approximate size of images? Approximate total storage requirements?	Please see Tech Spec Annex
17. What kind of network connection is there between the Origin and Target environment (private, public Internet)? What is the network speed?	Public Internet, 120mbps

18. What is the current network utilization? Are there availability or bandwidth usage restrictions over the network?	~ 40% Network utilization. No restrictions
19. Will the Target network be isolated from the Origin network?	Yes
20. Are there any special requests for the Target – change in network, VM right sizing?	None
21. What is the initial timeline on when the project can start and when it must complete?	30 Days upon issuance of NTP
22. Are there any restrictions or requirements on when the data replications and syncs can be done (e.g. - off peak hours)?	None
23. Are any servers joined to a Domain? Will the Domain name in the Target environrment be the same name as in the Origin?	Servers are not enrolled in domain.
24. Will any servers in the Target environment be connecting back into the Origin environment (e.g. - to a Domain Controller or network storage)?	No
25. Same IP address on both sites? Or Different? And does DNS traverse the sites?	Same IP Addresses. Public DNS is configured by PEZA
26. Are there any servers that have unusually high CPU or I/O rates?	None
27. Are there any workloads greater in size than 1 TB? If yes, how many?	None
28. Have the servers in scope been vetted against the prereqs?	Yes. There was market study conducted
29. Are there any clusters? If yes, how many? OS/type? Is drive ownership static or does it change?	None
30. Is there network storage? If yes, how much/size? Protocols (e.g. - NFS, CIFS, iSCSI)? Will RackWare be used for the replication and sync? This does not include backend storage that is natively visible only to the hypervisor. Does the data reside on a hardware appliance or it's hosted on a Linux/Windows server?	None
31. Are there any Oracle ASM or RAC? Do any databases on Linux span multiple volumes?	None
32. Will different servers have different RTO/RPO and/or recovery point requirements?	No

33. What are the RTO and RPO requirements?	Please see Tech Spec
34. How many servers will be dynamically provisioned?	None
35. How many servers will be preprovisioned?	All
36. Will the single file restore function be used?	N/A
37. Will recovery points be used? How many short term and long term recovery points (snapshots) will be required per server (frequency and retention period)? (RackWare allows for a set of short term recovery points, defined as being held for hours or days. And a set of long term recovery points, defined as being held for days, months, or years.)	Please see Tech Spec
38. Are there any existing DR or backup products running?	None
39. Do any of the servers have encrypted data that is visible to the guest OS? This does not include backend storage that is encrypted and transparent to the guest OS.	None
40. Are there any existing backup products running?	None
41. What Anti-Virus software is running?	Windows Defender
42. Does any of the ORIGIN servers in scope contain standalone Docker Host or Containers configured?	Servers does employ containers or docker
43. If So: - What is Docker and its OS version?	N/A
- Are these Docker hosts part of a SWARM-like cluster? If yes, what is the clustering version?	N/A
- What applications are running in these containers/container-clusters?	N/A
- Post Replication, do you want to retain the clustering on the target side?	N/A
- Post Replication, is networking identity expected to be retained (especially for containers)?	N/A
Note - Post replication, some configurational changes may be needed on the Targets, to make them fully functional in the Target environment.	N/A
Infocentric Solutions Inc.	
44. IaaS	Our OS Licenses are enabled/allowed as per Sofware Assurance

To confirm whether the licenses can be used in BYOL on a dedicated host.	
Are your existing licenses is transferrable?	Yes
Are there licenses for the service software? If yes, is there any hardware binding involved?	All service software are enabled for clustering. No hardware binding involved.
45. Backup as a Service Will you retain all of your VMWare and Hyper-V? If yes, do we need to perform backup on a daily basis even we have migrated all to the cloud environment	Backup services will only cover migrated servers.
46. Network Can you please expound the Requirement of LAN Connectivity?	LAN Connectivity should be present, enabled and configurable.
Can you please expound the Requirement of WAN Connectivity?	WAN/Internet Connectivity should be present, enabled and configurable. See bandwidth requirement in Tech Specs
Do you need Direct Connection from on-premises to Cloud Service Provider Data Center?	No. Via VPN only
47. Bidders Qualification **Local Multi-site Availability Zones** (Can we consider site outside the Philippines? Our local site will be available Q1-Q2 of 2024)	Yes. PEZA will consider non-local or regional availability zones.
Valid ANSI/TIA-942 Rated 3 Data Center Certification (Can we consider EXIN EPI Certified Data Centre Professional as equivalent R22-01)	Yes, PEZA will consider equivalent certification. Please attach justification/proof of equivalent rating or standing.
To confirm whether the licenses can be used in BYOL on a dedicated host.	Our OS Licenses are enabled/allowed as per Software Assurance
Pilipinas Micro-Matrix Technologies Inc. (PMTI)	
48. For bidders qualifications Local Multi-site Availability Zones. Can you consider the local zone plus (+) region with multi availability zone?	Yes, Non-Local or Regional availability zones will be considered.
49. For bidder qualifications The Service Provider must have a valid ANSI/TIA-942 Rated 3 Data Center Certification. Can you relax the requirement of ANSI/TIA-942 Rated 3 Data Center Certification since this is only applicable for telecommunications provider and not to cloud service provider?	While the standard is relevant to telecommunications providers that operate data centers, it is not exclusive to them. Many organizations across different industries, such as IT companies, financial institutions, and healthcare providers, may seek ANSI/TIA-942 certification for their data centers. The certification ensures that a data center meets specific criteria for reliability, availability, and performance. The ANSI/TIA-942 standard provides guidelines and

50. For bidder's qualifications, the Service Provider must be a compliant of ISO QMS and ISMS. (ISO 9001, ISO 27001). Must submit a valid certification. Do you mean the ISO certifications that the service provider will provide is from the proposed cloud provider?	Yes, This requirement pertains to the cloud infrastructure provider (e.g. AWS, Oracle, etc.), and not the local vendor or supplier.

ALL REQUIREMENTS/SPECIFICATIONS PROVIDED IN THE BIDDING DOCUMENTS, NOT OTHERWISE REVISED OR AMENDED BY THE ABOVE, IF ANY, SHALL REMAIN IN FORCE AND IN EFFECT.

For information of all concerned.

Issued this 23th day of November 2023, PEZA Head Office, Pasay City.

ANIDELLE JOY M. ALGUSO
Chairperson